

Eingabe: Farbmetrisches Reflexions-System MRS18a

für Buntton $h^* = lab^*h = 31/360 = 0.086$
 lab^*ch und lab^*nch

D65: Buntton R
LCH*Ma: 50 78 31
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit i^*



%Umfang

$u^*_{rel} = 92$

%Regulartät

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

relative Inform. Technology (IT)
olv13* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv14* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 0.01 0.0
LAB*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 95.41 0.0 0.0
relative CIELAB lab*
lab*lab 1.0 0.5 0.5 (1.0)
lab*lab 1.0 0.5 0.5 (1.0)
lab*lab 1.0 0.5 0.5 (1.0)
lab*lab 1.0 0.5 0.5 (1.0)
relative Natural Colour (NC)
lab*lab 1.0 0.5 0.5 (1.0)
lab*lab 1.0 0.5 0.5 (1.0)
lab*lab 1.0 0.5 0.5 (1.0)
lab*lab 1.0 0.5 0.5 (1.0)

relative Inform. Technology (IT)
olv13* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (1.0)
olv14* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 0.05 0.0
LAB*LABa 56.71 0.0 0.0
LAB*LABb 56.71 0.0 0.0
LAB*LABc 56.71 0.0 0.0
relative CIELAB lab*
lab*lab 0.5 0.5 0.5 (1.0)
lab*lab 0.5 0.5 0.5 (1.0)
lab*lab 0.5 0.5 0.5 (1.0)
lab*lab 0.5 0.5 0.5 (1.0)
relative Natural Colour (NC)
lab*lab 0.5 0.5 0.5 (1.0)
lab*lab 0.5 0.5 0.5 (1.0)
lab*lab 0.5 0.5 0.5 (1.0)
lab*lab 0.5 0.5 0.5 (1.0)

relative Inform. Technology (IT)
olv13* 0.0 1.0 1.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv14* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.1 0.02
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)

$n^* = 1.0$

MRS18a; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.8	40.02	77.87	31
GMa	90.7	-7.27	93.19	93.48	94
JMa	52.11	-69.93	11.26	70.85	171
G50BMa	45.03	-36.65	-27.13	45.61	217
BMa	36.65	23.26	-62.27	66.49	290
B50BMa	34.94	57.27	-43.6	71.99	323
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.67	27.97	64.99	25
ICIE	81.26	-2.91	71.56	71.62	92
GCIE	52.23	-42.47	13.58	44.6	162
BCIE	30.57	1.33	-46.48	46.51	272

relative Inform. Technology (IT)
olv13* 1.0 0.5 0.5 (1.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olv14* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 72.52 33.43 20.01
LAB*LABa 72.52 33.43 20.01
LAB*LABb 72.52 33.43 20.01
LAB*LABc 72.52 33.43 20.01
relative CIELAB lab*
lab*lab 1.0 0.5 0.5 (1.0)
lab*lab 1.0 0.5 0.5 (1.0)
lab*lab 1.0 0.5 0.5 (1.0)
lab*lab 1.0 0.5 0.5 (1.0)

relative Inform. Technology (IT)
olv13* 1.0 0.0 0.0 (1.0)
cmyn3* 0.0 1.0 0.0 (0.0)
olv14* 1.0 0.0 0.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 49.63 66.84 40.03
LAB*LABa 49.63 66.84 40.03
LAB*LABb 49.63 66.84 40.03
LAB*LABc 49.63 66.84 40.03
relative CIELAB lab*
lab*lab 0.409 0.858 0.514
lab*lab 0.409 0.858 0.514
lab*lab 0.409 0.858 0.514
lab*lab 0.409 0.858 0.514
relative Natural Colour (NC)
lab*lab 0.409 0.858 0.514
lab*lab 0.409 0.858 0.514
lab*lab 0.409 0.858 0.514
lab*lab 0.409 0.858 0.514

relative Inform. Technology (IT)
olv13* 0.5 0.0 0.0 (1.0)
cmyn3* 0.5 0.0 0.0 (0.0)
olv14* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 33.82 33.47 20.03
LAB*LABa 33.82 33.47 20.03
LAB*LABb 33.82 33.47 20.03
LAB*LABc 33.82 33.47 20.03
relative CIELAB lab*
lab*lab 0.204 0.429 0.257
lab*lab 0.204 0.429 0.257
lab*lab 0.204 0.429 0.257
lab*lab 0.204 0.429 0.257
relative Natural Colour (NC)
lab*lab 0.204 0.429 0.257
lab*lab 0.204 0.429 0.257
lab*lab 0.204 0.429 0.257
lab*lab 0.204 0.429 0.257

$n^* = 0.00$

Schwarzheit n^*

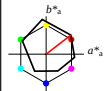
relative Bunttheit c^*

Ausgabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 38/360 = 0.105$
 lab^*ch und lab^*nch

D65: Buntton R
LCH*Ma: 48 83 38
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit i^*



%Umfang

$u^*_{rel} = 93$

%Regulartät

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$

relative Inform. Technology (IT)
olv13* 1.0 1.0 1.0 (1.0)
cmyn3* 0.0 0.0 0.0 (0.0)
olv14* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 95.41 -0.97 4.75
LAB*LABa 95.41 0.0 0.0
LAB*LABb 95.41 0.0 0.0
LAB*LABc 95.41 0.0 0.0
relative CIELAB lab*
lab*lab 1.0 0.0 0.0 (0.0)
lab*lab 1.0 0.0 0.0 (0.0)
lab*lab 1.0 0.0 0.0 (0.0)
lab*lab 1.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*lab 1.0 0.0 0.0 (0.0)
lab*lab 1.0 0.0 0.0 (0.0)
lab*lab 1.0 0.0 0.0 (0.0)
lab*lab 1.0 0.0 0.0 (0.0)

relative Inform. Technology (IT)
olv13* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (1.0)
olv14* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*LABa 56.71 0.0 0.0
LAB*LABb 56.71 0.0 0.0
LAB*LABc 56.71 0.0 0.0
relative CIELAB lab*
lab*lab 0.5 0.0 0.0 (0.0)
lab*lab 0.5 0.0 0.0 (0.0)
lab*lab 0.5 0.0 0.0 (0.0)
lab*lab 0.5 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*lab 0.5 0.0 0.0 (0.0)
lab*lab 0.5 0.0 0.0 (0.0)
lab*lab 0.5 0.0 0.0 (0.0)
lab*lab 0.5 0.0 0.0 (0.0)

relative Inform. Technology (IT)
olv13* 0.0 0.0 0.0 (0.0)
cmyn3* 1.0 1.0 1.0 (0.0)
olv14* 1.0 1.0 1.0 (0.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.5 -0.46
LAB*LABa 18.02 0.0 0.0
LAB*LABb 18.02 0.0 0.0
LAB*LABc 18.02 0.0 0.0
relative CIELAB lab*
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
relative Natural Colour (NC)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)
lab*lab 0.0 0.0 0.0 (0.0)

$n^* = 1.0$

Schwarzheit n^*

relative Bunttheit c^*

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.84	96
JMa	50.9	-62.79	34.95	71.87	151
G50BMa	58.62	-30.35	-45.01	54.3	236
BMa	25.71	31.11	-44.42	54.24	305
B50BMa	48.13	75.27	-8.35	75.73	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
ICIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

relative Inform. Technology (IT)
olv13* 1.0 0.5 0.5 (1.0)
cmyn3* 0.0 0.5 0.5 (0.0)
olv14* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 71.67 32.15 28.41
LAB*LABa 71.67 32.15 28.41
LAB*LABb 71.67 32.15 28.41
LAB*LABc 71.67 32.15 28.41
relative CIELAB lab*
lab*lab 1.0 0.5 0.5 (1.0)
lab*lab 1.0 0.5 0.5 (1.0)
lab*lab 1.0 0.5 0.5 (1.0)
lab*lab 1.0 0.5 0.5 (1.0)

relative Inform. Technology (IT)
olv13* 0.5 0.5 0.5 (1.0)
cmyn3* 0.5 0.5 0.5 (1.0)
olv14* 1.0 1.0 1.0 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 47.95 65.29 52.06
LAB*LABa 47.95 65.29 52.06
LAB*LABb 47.95 65.29 52.06
LAB*LABc 47.95 65.29 52.06
relative CIELAB lab*
lab*lab 0.387 0.791 0.611
lab*lab 0.387 0.791 0.611
lab*lab 0.387 0.791 0.611
lab*lab 0.387 0.791 0.611
relative Natural Colour (NC)
lab*lab 0.387 0.791 0.611
lab*lab 0.387 0.791 0.611
lab*lab 0.387 0.791 0.611
lab*lab 0.387 0.791 0.611

relative Inform. Technology (IT)
olv13* 0.5 0.0 0.0 (1.0)
cmyn3* 0.5 1.0 1.0 (0.0)
olv14* 1.0 0.5 0.5 (1.0)
cmyn4* 0.0 0.5 0.5 (0.0)
standard and adapted CIELAB
LAB*LAB 32.98 32.9 25.8
LAB*LABa 32.98 32.98 25.25
LAB*LABb 32.98 32.98 25.25
LAB*LABc 32.98 32.98 25.25
relative CIELAB lab*
lab*lab 0.193 0.396 0.306
lab*lab 0.193 0.396 0.306
lab*lab 0.193 0.396 0.306
lab*lab 0.193 0.396 0.306
relative Natural Colour (NC)
lab*lab 0.193 0.396 0.306
lab*lab 0.193 0.396 0.306
lab*lab 0.193 0.396 0.306
lab*lab 0.193 0.396 0.306

$n^* = 0.00$